Scientists the World Over on the Lookout for Today's Event,

SOME HINTS OF DANGER

Professor Ellerman Gets a Cable Giving Hour of Transit.

(From Wednesday Advertiser.) Some time today or tonight, the earth is to pass through the tail of Halley's comet, and late this afternoon the comet's nucleus or head, will pass between the earth and the sun. A cable received yesterday by Professor Ellerman, of the Mount Wilson Solar Observatory, who is here as representing the Astronomical and Astrophysical Society of America, stated that final ob-

but an overwhelming majority of the authorities express the opinion that ing within the tail can not be stated the passage of the earth through the with certainty, as it is impossible to iwa, unless very decisive, may not be fully detected or appreciated at first

The hour of transit is what Professor Ellerman and the other observers came here for, and it will afford them and Professor Donaghho of the College of Hawaii an opportunity never had before in the history of astronomy. From Diamond Head, Professor Ellerman will be professor Ellerman will be professor Ellerman will be professor. watch the transit, while Professors Lord and Coddington, who also repre-sent the Astronomical and Astrophysical Society, will make observations of a spectroscopic nature.

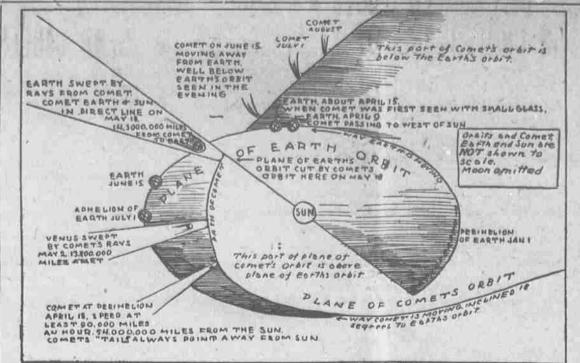
The great question which the scientists hope to solve is as to the composition of the comet. It is a question whether the nucleus is of sufficient solidity to be visible as it crosses the sun. "The only other transit of a comet across the sun that has been ob-served was that of the great comet of 1882," said Professor Ellerman yester-day. "That comet was so near the sun,—only about 300,000 miles away,— that I think its head was vaporized and became too thin to absorb light.
"Halley's comet is far enough from

BABIES AND CHILDREN should be fairly plump. They

they use it up; for fat is fuel, and the burning of it makes pow-er and force. Thin childreneven along to the age of eighteen or twenty-are in danger from consumption, and from other wasting complaints. The children who starve, and the young men and women who are consumed-why, the very idea of it is frightful. For such as they, there is always what is called a "mighty famine" in the tand. Food, though it may be taken plentifully, does not nourish them. It makes no fat; it gives so strength. To prevent this, to cure this, to save the young ones at the mother's knees, and the bright boys and girls who are just looking at the world with ambitious eyes, is the purpose of

WAMPOLE'S PREPARATION Its success is decided and set-Thousands owe to it life and health. It is palatable as honey and contains all the curative properties of pure Cod Liver Oil, extracted by us from fresh cod livers, combined with the Compound Syrup of Hypo-phosphites and the Extracts of Malt and Wild Cherry. In building up pale, puny, emaciated children, particularly those troubled with Anemia, Scrofula, Rickets, and bone and blood discases, nothing equals it; its tonic qualities are of the highest order. A Medical Institution says:
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in treating childres for coughs. colds and inflammation; its application has never failed ur in any case, even the most aggravated bordering on pneumonia. The children like it, and it builds up their bodies; many little children owe their lives to it." Effective from the first Effective from the first dose, and you cannot be nisup-pointed in it." Sold by chemists

POSITIONS OF THE EARTH. THE SUN AND HALLEY'S COMET, CROSSING THE SUN TODAY



The above drawing shows how the head of Halley's comet today passes directly between the earth and the sun and, as the tail always points away from the sun, causes the earth to pass through the tail. Here are shown the orbits of the comet and the earth with the imaginery plane of both orbits. The earth and comet are moving in opposite directions, as shown by the arrows. The varying size of the comet is comparative only to show how it appeared and will appear at different times. The curve in the tail is due to the way it is seen through the convex lens of the earth's atmosphere. By looking toward the sun from the plane of the earth it will be seen why the comet "appears" to be approaching the sun when it is really departing.

servations and calculations showed that the comet would be at the middle of its by the sun's heat, and there is a chance passage across the sun at 5:15:18 this afternoon. As it will take about half an hour to cross the sun, this means that the transit will begin at about a quarter to five. The exact time of the earth entering the comet's tail can not be stated.

The sun so that it will not be vaporized to sun the sun at 18 will take about a compact, enough to throw a shaft of sunlight or "tail" two million miles long on April 17, the day before it passed perihelion.

The comet would be at the middle of its by the sun's heat, and there is a chance that the transit will take about a large enough to cast shadows on the sun's disk. The transit will take about an hour, and the comet will be in the center of the sun at 18 minutes past five this afternoon, according to a cable be stated. be stated.

All over the world scientists are waiting to see what the day will reveal. Some voices of alarm are heard, but an overwhelming majority of the antivities reveals the result of the case of the state observations and calculations, probably at Harvard observatory.

'The exact time of the earth's best of the case of the

tail of the comet will not have any say whether the tail is curved or not effect at all, except upon scientific in- if the tail is a straight line, of course, struments used for purposes of investi-the earth will enter it some time be-gation. The present headquarters of fore the comet's nucleus begins to gation. The present headquarters of the Astronomical and Astrophysical society are in Madison, Wisconsin, to which place the scientists here and in scores of other places will send their reports. The result of Professor Ellerman's observations here will be known at once, while those of Professors Lord and Coddington, at Hale-incomplete the comet's nucleus begins to the prohibition and quite satisfied with what it had in the way of liquor traffic regulation, he overlooked a great deal, second of the reports received returns to the form the Carden Island. The fact that all the cases it the score and Coddington, at Hale-incomplete the comet's nucleus begins to prohibition and quite satisfied with what it had in the way of liquor traffic regulation, he overlooked a great deal, second of the reports received returns to the score of the sum of the form the Carden Island. The fact that all the cases it the score of the score of the scientists here and in scores of other places will send their reports. The result of Professor Ellerman's observations here will be and the earth will naturally be in the regulation, he overlooked a great deal, score of the sum of the reports received reports. The time of earth's from the Garden Island. The fact that all the cases it the score of the morning.
"1 doubt whether there will be any

visible effect of earth's passing through the comet's tail. On a clear dark night it would probably cause some illumina-

Professors Lord and Coddington are spectrograph, hoping to get some photo-graphs which will indicate the composi-tion of the comet. The cable received by Professor Ellerman was transmitted

The question of what comets are composed of has been long a subject of speculation and controversy among astronomers. The opportunity of today is the best that has ever occurred for settling it. A writer in Collier's says:

A year-ago I made the announcement that comets' "tails" were sunlight, focused and transmitted through space by the heads of comets acting as huge, spherical lenses. In other words, the "tail" of a comet is practically the same as the beam of a searchlight. This has since been proven the earth and sun on May 18-20, the earth will merely be bathed in an extra flood of light. If the passage occurs in the day and the sky be clear, we shall have a hot, brilliant day. If at night, it will be bright, as if the moon, at that time just past first quarter, were at its fullest and brightest and shining on freshly fallen snow.

We are not afraid of brilliant mooning that I have a hot are all the passage occurs and shining on freshly fallen snow.

We are not afraid of brilliant mooning that I have a hot are all the control of the control of the control of the light. The moon is only 240,000 miles away, while Halley's comet at its near.

We are not afraid of brilliant moon-light. The moon is only 240,000 miles away, while Hal'cy's comet at its near-est will be sixty times as far from the earth. There is this difference, though. The moon's light is reflected sunlight, the comet's light is condensed and transmitted sunlight. The earth will be out of focus of this light this time. It would take a comet over a million miles in diameter, passing bemillion miles in diameter, passing be-tween the earth and sun much nearer than any comet ever has, to affect the earth by focused light.

This can be understood by putting some burnable object in sunlight and placing a magnifying glass between it and the sun. If the sunlight is not and the sun. If the sunight is not focused on the object the glass merely lights it up. The chance of any comet passing the earth so its rays will be focused on the earth is about one in a billion. Therefore we need not worour experience by eighteen days, so we will have ample time to quiet our fears before the comet reaches us.

Much has been written about the evil effects of comes on the earth. Much of it is "entoosalusm." The presence of an abnormal body, moving at high speed through the solar sys-tem, is bound to result in some slight tem, is bound to result in some slight disturbance, but the earth successfully resists each second of its existence greater strains than any comet could possibly cause. The earth is protected by a wonderfully resilient and clastic atmosphere weighing 20,000,000,000,000 of tons. This titanic shock absorber has withstood the centrifugal pressure of the solid earth for untold ages, and the centrifugal pressure of the earth can only be expressed in myriad mulcan only be expressed in myriad mul-tiples of millions. The passage of the comet will cause local disturbances. But there is a vast difference between an eruption like Krakaton, in a comet year, or an earthquake like those of San Francisco or Messina and a uni-versal deluge of mater or fire or exinction by eyanogen gas. There has

When Senator Fairchild reported the Island of Kauai unanimously opposed to prohibition and quite satisfied with had been called upon to investigate had their relation to liquor and the use of it, has been noted by Kanaians as well as others and there are plenty of the former to assist in b nging about a better state of affairs.

As a matter of fact, the majority on Kauai for prohibition will be substano them yesterday.

The question of what comets are but others are already actively working composed of has been long a subject of for the prohibition majority. to see how these two align themselves,

# GO OUT ON STRIKE

When Knighthood was in Flower back Monday evening at fifteen minutes past seven e'clock, manhood was on fire in front of the same drop curtain. When half-past seven arrived, the orchestra players, who are still at the operahouse, crawled out from under the stage and began to tune up. There was no one in the house except the ushers, surrounded by Billy Adams, when the orchestra tore off the first bars of the Merry Widow. At eight o'clock, when the musicians had gone a long ways towards earning their nightly stream. lion. Therefore we need not wor.

Venus will practically anticipate experience by eighteen days, so we have ample time to quiet our se before the comet reaches us.

The musicans had gone a long ways to wards earning their nightly stipends, there was still nothing doing in the audience line, and it began to look to those surveying through the pesphole in the rag as if the flowers of knighthood wards earning their nightly stipends, wards earning their nightly stipends, there was still nothing doing in the surveying through the pesphole in the rag as if the flowers of knighthood wards earning their nightly stipends, wards earning their

the rag as if the flowers of knighthood were in for a wilting from frost.

Meanwhile Adams and the ushers were parleying and at last the truth came out. There was a strike on. The boys in taxedos who show you so politely into someone else's seat had walked out and to make matters worse, the labor situation had become complicated with the question of the set plicated with the question of the suf-fragettes. Word had passed around that Adams intended to put girls in the aisles and Adams had admitted it. All the manhood, individual and col-lective, of seven ushers bristled at the idea of being supplanted by girls as four hits a night, when they were draw-ing down envelopes with hig silver do!

lars in them, one a day.

That was the reases why the big doors of the operahouse stayed shut it reason why many theater goers percheton the Capitol fence to listen to the

first few tunes of the orehestra.
It was reported last night that the auroral displays, magnetic disturbances, and other phonomena, but these are not to be feared as involving destruction of the human race or its planet. There is grave doubt in the minds of some astronomers that this comet is all of Halley's comet. The count is displayed and the pay continues to be one dollar per. The only condition on which the table of some astronomers that this comet is all of Halley's comet. The count of May, 1609, pursued the same path and passed very close to the certa. Hall way to manufacture sapphires.

Board Last Night Passed the Ordinance-Vote Four to Three.

(From Wednesday's Advertiser.) After a great deal of opposition the ordinance giving the Bitulithic Pavement Company the contract for paving Fort street, was passed at the third reading at the supervisor's meeting last night.

The opposition was all prepared and had all its arguments down so perfectly that they just rippled out, but they were of no avail. Aylett was the first to oppose it and complained because this was the fourth reading. He wanted to know how many times they wanted him to vote on the thing, and was with

difficulty pacified.

McClellan was next on the floor and had a mass of reports and documents had a mass of reports and documents beating on street paving in a dozen representative cities in the United States and Canada. He attempted to prove by his arguments that it would be cheaper for the city to build its own plant. He pointed out the cities which did this successfully but by far the greater portion of his illustrations referred to cities who let their revine out. ferred to cities who let their paving out on bids.

It must have taken weeks of trained research to get together the compen-dium on street paving which was pain-stakingly read by McClellan and he must have been devoted to the subject or known somebody who was, to have

Quinn rose in defense of the measure saying that the city had no money, an argument which nobody tried to refute but which made no dent in the firmness of the opposition. Cox also spoke in

McClellan's arguments seeming to have failed, Ahia rose primed with auother line of talk. He called attention to the thirty petitions received by the board, containing thirty signatures apiece and said that this represented 900 voters. He explained that he was not announcing his candidacy for office When Knighthood was in Flower back again but that the voice of the poor of the drop curtain of the operahouse on people ought to be listened to Here was 900 poor people petitioning and yet a man from New York got the

contract. Ahia wept.
Then Aylett rose and insisted that this was the fourth reading.

Logan said that it would become nothing but politics if the ideas of the others was carried out. Aylett answer ed insinuating that politics were not wholly absent from the present deal, and that somebody might take Logari apart and do a little business on the side. At this Logan looked glum.

Kane, not having expressed himself at all, it rested on him when the roll was called. He voted for the ordinance, and it passed over the nows of Ahia, Aylett and McClellan, Argument on Ed. Lord's suit for injunction against the city was heard yesterday morning before the supreme court and it is pos-sible that the decision may change the status of affairs.

### FEELING SHOWN AT BALLINGER HEARING

WASHINGTON, May 17 .- Assistant Attorney General Lawler took the stand today in the investigation of affairs of the department of the interior to testify concerning the letter Stenographer Kerby says Lawler wrote. He made denial of having consulted anyone in preparing memoranda for the President's consideration.

When Pinchot and Garfield were referred to as being behind the "cor-ruptors of Kerby," the spectators

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Support of McCandless May Cost the Lone Home Ruler His House Seat.

CONSTITUENTS ARE HUHU

Notley Confirms Report That He Emeryville Probably Won't Allow Is Urged to Run for the Senatorship.

Advocacy of Link McCandless for the delegateship may cost Cannon Ball Kaniho his political life, according to letters received from Kohala this week,

"Traitor" is the somewhat significant word applied to Kaniho's latest political action by his constituency, for Kohala is the original bred-in-the-bone Home Rule community and Link Me-Candless' democracy sitteth hard upon their conscience. Kohala will stay Home Rule, but Kaniho is likely to be read out of the party. This extremely definite opinion reached Honolulu in personal letters between the Kohala powers behind the throne and politicians who haunt the capital

Kaniho's "defense" of his actions in his first speech of the campaign has cooked his goose to a more delicate brown evidently. In the first place the prohibition question was not supposed to be touched upon. People who were depending a great deal on the impression that Kaniho's speech would make in order to get the "impetus of the early bird" in the coming campaign were disappointed in this part of his was, by an unwritten understanding, relegated to a closed locker.

However, Kohala, which has sent Kaniho "up" for every session of the territorial legislature, is not bothering

about Kaniho's ideas on prohibition, but is shocked over his desecration of Home Rule altars by a renunciation of

Charles Notley. Kohala Hawaiians own their own land (and lease it to Japanese), own their canoes by which and almost in which they live and believe in Home Rule carnestly and devoutly. That Ka-niho should applaud the Democratic contestant for congressional honors is

rensidered a real sorrow in Kohala.

However, as a wily politician Kaniho seems to have left a loophole through which he can crawl. It is well-known and admitted by his opponents that he is one of the last of the "old" style and that there is not another Hawaiian who can talk in the native tengue as he

Saturday's speech at Aala Park, was of course, in the parables for which the old Hawaiian language is wonderfully suited, and Kanlho's parables on this occasion hinted at a weakness in his new faith not entirely evident on the face of it. Among other things he is alleged to have said was that if Me Candless did not win in front, he would in back. This loses in translation the meaning that the Hawalians saw in the Those who were careful to original. note Kaniho's speech now come forth with assurances that he intimated no very strong desire to see McCandless win but rather kept his hands clean of the delegateship without advocating Kuhio, McCandless or Notley. Maybe this assurance is only to make Kaniho come out and sign his political check for McCandless to further sever him from the affections of Kohala. How-eyer, Kohala seems to be dissatisfied defense of it, pleading for better already, which will probably cause Kastreets as soon as possible. is own battles.

Charles Notley left for Hawaii on he Mauna Kea yesterday. Before leaving he gave an interview confirming the report published in The Advertiser yesterday, to the effect that he was beyesterday, to the effect that he was ob-ing urged to get out of the delegateship fight and run for the senate. He denied that it was Home Rulers who were urging this, and said it was Democrats. However, the best known man who is urging is Representative Kaniho, the only Home Ruler to be elected to the last legislature.

## ANOTHER CONVICT MAKES HIS ESCAPE

The near approach of hot weather has caused quite a number of vacancies in the prison, a number of prisoners and guards going on their vacations. The latest among the prisoners to join The latest among the prisoners to join the summer colony of prisoners somewhere up in the hills is Chun Duck Soon, who escaped from the prison gang at the Kaimuki quarry yesterday afternoon. He was in for quite a respectable term for stealing the jewelry of Mrs. Boardman.

able term for stealing the jewelry of Mrs. Boardman.

There is a somewhat scarcity of the assembled members of royalty, in their official regalia. These were followed by the peers of the kingdom and members of the commons. Brief zerbuilding a chicken coop. While estensibly for the housing of fowls, this chicken house is really a trap for Grace but nothing must be said about it for fearing of warning the negro.

The body will lie in state for three days, after which the casker will be reading there of the first part of the burial service. The service will be con-

# MANY LIVES LOST IN

PHOENIX, Arizona, May 18 .- The Hotel Adams was destroyed by fire last night with fearful loss of life. Thirty guests are unaccounted for, and it is feared that most of them perlahed in the flames. The financial loss is \$275,

## REGULARS WIN.

OLEVELAND, May 18 .- The primary election returns indicate that a ma-jority of the Republican regulars in congress have been recommand.

It and the Plans Change,

TURN TO SAN FRANCISCO

But Citizens of the Wide-Open Paris of America Also Protest,

SAN FRANCISCO, May 18 .- It is planned now to hold the Johnson-Jeffries fight in this city, owing to the prospect that the local authorities in Emeryville appear likely to refuse permission to hold it there. The promoters think that Mayor McCarthy's administration will approve having the contest in San Francisco and are planning accordingly. There will, however, be vigorous protests if such an arrangement is attempted, and there is no certainty yet as to where the fight can be pulled off.

Though both the fighters are continuing to train and promoter Tex Rickard declares that he will certainly pull the fight off, it is beginning to appear likely that there will be trouble over getting a place. Rickard is insured against such contingencies as prevention of the

Some of the leading ministers of San Francisco have been pointing out that practically every State in the Union has passed laws prohibiting prize fights, and they denounced the authorities of Emeryville for bringing California into the limelight as the only State allowing such exhibitions. As a result of this agitation, it developed today that there was much opposition among the officials of Alameda county, in which Emeryville is, to allowing the fight.

Rickard has appealed to the Mc-Carthy administration for a license to allow the white and negro champions to pummel one another in this city. McCarthy has declared for a "wide open" city, and has made San Francisco more "wide open" than she ever was. It is stated, however, that if he attempts to bring upon San Francisco the notoriety of being the scene of this fight, there will be legal proceedings to prevent it. Some of the leading ministers of San

prevent it.

### PROHIBITION FORCES LOSE DENVER FIGHT

DENVER, May 18.—The "wets" carried Denver in the election held yesterday. A very spirited campaign was carried on by both sides, liquor men securing the aid of outside leaders of national prominence. The count of the vote last night showed that the "drys" were beaten. The churches and other organizations joined forces in a strenuous effort to put Denver on the dry list.

# LIES IN STATE

First Stage of Edward's Funeral Is Completed-Imposing Ceremonies.

LONDON, May 17 .- The remains of the late King Edward were today conveyed in solemn state through the streets of London from Buckingham Palace to Westminster Hall, where they now lie in state.

The original intention had been to throne room of Buckingham Palace to Westminster done privately, but this plan was abandoned and the procession resterday was one of considerable coremony, the cortege being an imposing military spectacle, twelve thousand troops lining the streets through which

the procession passed.

The members of the house of commons assembled in the morning and repaired in a body to Westminster Hall to receive the body. After the oaken casket had been placed in position on the catafalque covered with the same purple pall that cashrouded the coffin of Onesn Vistoria, the line ground the of Queen Victoria, the line around the hier was formed, the first to pass being

vices were held.

The body will lie in state for three days, after which the casker will be taken to Westminster Abbey, for the reading there of the first part of the burial service. The service will be controlled at Windson Castle. cluded at Windsor Castle.

ARIZONA HOTEL FIRE RELIEVES SUFFERING HUMANITY One bottle of Chamberlain's Colic, Chalers and Diarrhoea Remedy goes a long ways toward relieving suffering humanity. It is better than any dector's preserption, and worth twenty times its cost in cases of diarrhoea, cramp colic or dyssufery, which are liable to come on suddenly at this season of the year. For sale by all dealers. Benson, Smith & Co., agents for Hawaii.

A naval expansion program will be taken up at the next meeting of the Japanese Diet.